

Accepted Manuscript

Location of knee pain in medial knee osteoarthritis: Patterns and associations with self-reported clinical symptoms

Dr Ans Van Ginckel, PT, PhD, Kim L. Bennell, BAppSci(Physio), PhD, Penny K. Campbell, BAppSci(FoodSci&Nutr), Tim V. Wrigley, MSc, BSc (Hons), David J. Hunter, MBBS, PhD, FRACP, Rana S. Hinman, BPhysio(Hons), PhD

PII: S1063-4584(16)01005-0

DOI: [10.1016/j.joca.2016.01.986](https://doi.org/10.1016/j.joca.2016.01.986)

Reference: YJOCA 3697

To appear in: *Osteoarthritis and Cartilage*

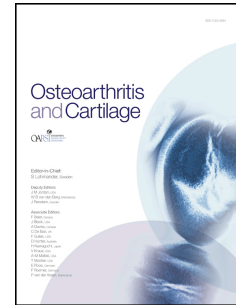
Received Date: 1 June 2015

Revised Date: 18 January 2016

Accepted Date: 24 January 2016

Please cite this article as: Van Ginckel A, Bennell KL, Campbell PK, Wrigley TV, Hunter DJ, Hinman RS, Location of knee pain in medial knee osteoarthritis: Patterns and associations with self-reported clinical symptoms, *Osteoarthritis and Cartilage* (2016), doi: 10.1016/j.joca.2016.01.986.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Location of knee pain in medial knee osteoarthritis:**Patterns and associations with self-reported clinical symptoms**

Ans Van Ginckel PT, PhD ¹

Kim L Bennell BAppSci(Physio), PhD ¹

Penny K Campbell BAppSci(FoodSci&Nutr)¹

Tim V Wrigley MSc, BSc (Hons)¹

David J Hunter MBBS, PhD, FRACP ²

Rana S Hinman BPhysio(Hons), PhD ¹

¹Centre for Health, Exercise and Sports Medicine, Department of Physiotherapy, School of Health Sciences, University of Melbourne, Victoria, Australia.

² Department of Rheumatology, Royal North Shore Hospital and Institute of Bone and Joint Research, Kolling Institute of Medical Research, The University of Sydney. New South Wales, Australia.

Download English Version:

<https://daneshyari.com/en/article/6124465>

Download Persian Version:

<https://daneshyari.com/article/6124465>

[Daneshyari.com](https://daneshyari.com)